14 JUN 95 16:08:21 U.S. Patent & Trademark Office P0099

US PAT NO: 3,577,050 [IMAGE AVAILABLE] L10: 6 of 6

DETD(8)
:end

=> d his

(FILE 'USPAT' ENTERED AT 14:40:50 ON 14 JUN 95)
SET PAGELENGTH 62
SET LINELENGTH 78

L1	82	S	RELUCTANCE GAP
L2	15	S	L1 AND STATOR
L3	2727	S	STATOR (P) (AIR GAP#)
L4	88	S	STATOR AIR GAP#
L5	52	S	L4 NOT (ROTOR STATOR AIR GAP)
L6	67	S	L1 NOT L2
L7	1	S	3584276/PN AND RELUCTANCE
L8	28	S	RELUCTANCE GAPS
L9	10	S	L8 AND STATOR
L10	6	S	L9 NOT L2

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INPUT:

Move | DC Addition Menu | Execute

L-number to be added => 4

Named Document Collection => fraction

Execute? (Y / N): y

L4 contains 426 patents. Do you want to continue? Y / N): y

P0004

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assembled by bending the structure along bend lines at the junction of the bobbins with the connection strip to form diametrically opposite coils around the pole tip projections, the bobbins being connected by the strip, the strip and bobbins occupying the spaces between the outer ring and the inner yoke. Bearing elements for the rotor are then added for rotatably supporting the rotor in place.

DETDESC:

DETD(2)

Referring to FIGS. 1-3, the electric motor 10 in which the coil support 11 of the invention is intended for use is a shaded pole motor having two poles. The stator assembly, less coils, is shown in FIG. 1 and comprises an outer stator ring 12 and an inner stator yoke 13 spaced therefrom. The yoke 13 has copper shading coils 14 assembled and connected as shown in FIG. 1, the shading coils being strips of copper disposed in appropriate slots and having their ends bent over and welded to the stator coil pole tips. The shading coils 14 are located adjacent the restricted pole tip portions 15a of yoke 13.

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(FILE 'USPAT' ENTERED AT 11:20:37 ON 14 JUN 95)
SET PAGELENGTH 62
SET LINELENGTH 78

L1	247	S INNER STATOR
L2	77	S INSIDE STATOR
L3	113	S INTERNAL STATOR
L4	426	S L1 OR L2 OR L3
L5	761	S SUB FRACTIONAL HORSEPOWER
L6	52	S SUBFRACTIONAL HORSEPOWER
L7	77	S L5 AND INDUCTION MOTOR
L8	126	S L6 OR L7
L9	1	S L4 AND L8

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